

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

BPA NO.

1. CONTRACT ID CODE

PAGE 1

OF 2

2. AMENDMENT/MODIFICATION NO. 0002

3. EFFECTIVE DATE See Block 15c.

4. REQUISITION/PURCHASE REQ. NO. NRC-42-07-036 T75M2 0703675014

5. PROJECT NO. (if applicable)

6. ISSUED BY CODE 3100 U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Jeffrey R. Mitchell, 301-492-3639 Mail Stop: TWB-01-B10M Washington, DC 20555

7. ADMINISTERED BY (if other than item 6) CODE 3100 U.S. Nuclear Regulatory Commission Div. of Contracts Mail Stop: TWB-01-B10M Washington, DC 20555

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

INFORMATION SYSTEMS LABORATORIES, INC ISL ATTN: DR. JAMES F. MEYER 11140 ROCKVILLE PIKE, SUITE 500 ROCKVILLE MD 20852

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO. NRC-42-07-036 0075

10B. DATED (SEE ITEM 13) 09-21-2009

CODE FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required) No Funds Obligated

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Bilateral Mutual Agreement of the Parties. D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return 2 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

.....REFER TO ATTACHED PAGE TWO FOR A DESCRIPTION OF MODIFICATION NO. TWO.....

Except as provided herein, all terms and conditions of the document referenced in Item 8A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Bruce B. Mrowca V.P. 15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign) 15C. DATE SIGNED 7/1/2010 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Jeffrey R. Mitchell Contracting Officer 16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer) 16C. DATE SIGNED 6/23/2010

NSN 7540-01-152-8070 PREVIOUS EDITION NOT USABLE

SUNSI REVIEW COMPLETE

JUL 9 2010

STANDARD FORM 30 (REV. 10-83) Prescribed by GSA - FPMR (41 CFR) 101-11.6

ADM001

TEMPLATE - ADM001

The purpose of this modification is to (1) to incorporate the revised task order Statement of Work, (2) increase the contract ceiling by \$19,697.00 from \$918,778.00 to \$938,475.00 and (3) extend the period of performance from March 31, 2012 to September 30, 2012. Accordingly, the subject task order is modified as follows:

Refer to the Task Order No. 75 "Statement of Work" is here by deleted in its entirety and replaced with the following Statement of Work attached to this Modification No. 2 entitled "Statement of Work Rev 1".

Task Order No. 75 shall be in effect from September 21, 2009 through September 30, 2012, with a cost ceiling of \$938,475.00. The amount of \$892,738.00 represents the estimated reimbursable costs, and the amount of \$45,737.00 represents the fixed fee.

******ALL OTHER TERMS AND CONDITIONS OF THE SUBJECT TASK ORDER REMAIN UNCHANGED******

regulatory requirements. Specifically, technical assistance is required to acquire expert technical assistance services to assist the NRC in the review of environmental protection requirements associated with the COL application. The specific objective is to provide the specific technical expertise necessary to assist NRC in developing the environmental regulatory documents to provide the bases for the licensing decision and support for the adjudicatory hearing on whether to grant a COL.

The contractor's technical experts will participate on a multidisciplinary team coordinated and managed by another NRC contractor. The contractor with lead responsibility has the administrative and managerial role for document development and record controls; the lead contractor fills the position of Project Team Leader (PTL). The contractor's team members' assignments will begin subsequent to the NRC's acceptance of the application and establishing the review schedule. Acceptance is targeted for 60 days after receipt of the application if the NRC finds the application to be acceptable for the purposes of docketing and sufficient to establish a firm review schedule. The contractor will be notified within one week of receipt of the application or upon authorization, whichever is later, to coordinate key milestone activities, such as the environmental audits, public meetings (if attendance is appropriate), and document preparation meetings (if attendance is necessary).

The effort described herein initially represents a baseline case (i.e., standard project timeline and resource loading); however, there are "fact of life" circumstances that will require resetting the baseline case to one that reflects the expected project performance in terms of level of effort and schedule. These circumstances will become evident at several stages subsequent to the initial phase of the project, i.e., the acceptance review, the environmental audit, as well as after the public has its opportunity to determine whether or not to petition the Commission for leave to intervene on the project. Furthermore, the unique setting and historical relationship of the site area to other actions before the NRC or its predecessor agency, e.g., adjacent to a site with an operating nuclear power plant, could result in the use of existing information and reliance on earlier NRC analyses or other Federal agency environmental impact statements. Finally, the duration of this project will require funding over several fiscal years and technical progress may be affected by stakeholders outside of the control of the NRC (e.g., the responsiveness of the applicant or the justifiable need for additional analysis or consultation because of the complexity of an issue), which may result in unanticipated schedule modifications.

In addition to the NRC Technical Assistance Project Manager (TAPM), the NRC has designated an Environmental Project Manager (EPM), Mr. Andrew Kugler. The EPM for this activity is also the NRC Technical Monitor (TM) and these terms may be used interchangeably. **This modification is required as a result of changing the work requirements, schedule, and deliverables.**

3.0 WORK REQUIREMENTS, SCHEDULE AND DELIVERABLES

Upon the acceptance of this agreement, the contractor will propose and designate the contract Project manager (PM) who will direct the principal investigators' (subject matter experts') efforts for delivering consistent, high-quality products and services that satisfy client requirements meeting schedules and budget commitments. An Environmental Project Plan prepared by the lead contractor will be adopted to integrate management, oversight, commitment tracking, quality and records control, schedule control, identification of technical and support staff, project meetings, contractor staff orientation, interactions with other NRC contractors involved in guidance development activities under other agreements, and travel.

For planning purposes, it is expected that the PTL and all environmental principal investigators will participate in the site visit to conduct the environmental audit; if schedules permit and it occurs contemporary with the environmental audit, then the principal investigator may observe the interaction with the public. If the contractor participates in the review of certain technical areas, then it may be appropriate to participate in one or more team meetings to discuss the interdisciplinary issues while preparing the draft and final integrated environmental review document. If the contractor participates in the review of certain technical areas, then it may be appropriate to be available to assist the staff as it presents its preliminary conclusions at a public meeting on the draft EIS. Whereas the NRC EPM and the PTL will participate in meetings to clarify technical issues or the audit of alternative sites, such activities may involve only limited participation by contractor staff as directed by the NRC TM. Estimates of travel reflect the level of participation anticipated for such technical areas.

The contractor will assess the need for any necessary hardware and software to meet the technical requirements of this project consistent with NRC and Federal acquisition regulations. Any acquisition will follow the process outlined in the project scope of work.

The contractor PM will document deliverables with milestones and schedules in the project monthly letter status reports (MLS) and the commitment tracking logs. All work will be documented on the indicated forms referenced in the Project Plan. Unless otherwise specified by the NRC PM, all deliverables (draft and final) will be produced in both electronic and hard copy version; the contractor will deliver one hard copy of all deliverables (draft and final) to the NRC PM and one copy to the NRC TM. The electronic (Microsoft® Word or other agreed upon software) versions of the deliverables will be delivered to the Technical Monitor with notification of the delivery to the NRC TAPM. The contractor will identify the Job Control Number (JCN Q-4014) and the Technical Assignment Control (TAC) Number(s) on all correspondence related to this agreement.

Environmental working meetings should be anticipated to be held at the lead contractor's location in advance of preparing environmental deliverables, which will serve as input to NRC documents that will be released into the public domain. At a minimum, the NRC TM will participate in each of these meetings and the NRC legal staff, NRC technical team members, NRC management, and the NRC TAPM will participate on a less frequent basis. Work plans should accommodate the following subtasks and schedule [including expected deliverables as technical evaluation reports (TERs)] for the appropriate phase in the project.

Subtask (and Phase) and Standards	Targeted Completion (Days After Receipt of Application)	Deliverables
<p>1. REQUIREMENT: Adopt Environmental Project Plan, become familiar with applicant's ER, and become familiar with basis for NRC's acceptance review conclusion and information needs. (1)</p> <p>STANDARD: Written confirmation that familiarization is complete.</p>	75	Documentation that assigned personnel has reviewed appropriate correspondence.
<p>2. REQUIREMENT: Perform detailed initial technical review of the ER and provide the following: (a) submit a TER (organized following the structure of the applicant's ER) to the lead contractor that identifies technical issues and information areas that should be clarified during the Site Audit and (b) submit TER input in the form of a <u>pre-audit</u> working draft of environmental analysis in EIS format consistent with the ESRP and the Information needs identified in (a) to the lead contractor. (2)</p> <p>Participate in team visit to (a) the proposed site, (b) alternative sites (for appropriate technical areas), and (c) provide TER input to lead contractor for audit report (as input to NRC Trip report) to summarize the information reviewed, results of the audit, and meeting discussions. (3)</p> <p>STANDARD: TER inputs provided in a timely manner to support Site Audit (in advance of technical discussions). Draft Technical Evaluation Report that follows the NRC provided template/guidance without pre-approved deviation. Independent technical evaluations are expected to document rationale for reliance on applicant and alternate sources. Participation of individuals designated by NRC EPM and written confirmation.</p>	(a) 290 120 (b) 305	<p>E-mail confirmation to NRC EPM that deliverables have been provided to the lead contractor and Technical Evaluation Report and information needs (if applicable)</p> <p>Team meeting nominally scheduled within 30 days of receipt of inputs.</p> <p>Documentation for reports to be provided within 30 days to EPM and lead contractor after completion of audit (site and, if appropriate, alternative sites).</p>

Subtask (and Phase) and Standards	Targeted Completion (Days After Receipt of Application)	Deliverables
<p>3. REQUIREMENT: Participate in team visit (site audit) to (a) the proposed site, (b) alternative sites (for appropriate technical areas), and (c) provide TER input to lead contractor for site audit report (as input to NRC Trip report) to summarize the information reviewed, results of the audit, and meeting discussions. (2)</p> <p>Complete initial review of ER and provide TER input to lead contractor that identifies issues and areas that should be clarified; the inputs should be organized following the structure of the applicant's ER and should be phrased in question format (requests for additional information, RAIs). Identify those aspects of the application that need additional or clarifying information (RAIs). (3)</p> <p>STANDARD: Participation of individuals designated by NRC EPM and written confirmation. Documentation for reports should be based on activities prepared for audit(s) and provided within 15 days to EPM and lead contractor after completion of audit (site and, if appropriate, alternative sites).</p>	<p>(a) 340 435 (b) 380 (c) 360, 400</p>	<p>E-mail confirmation to NRC EPM of assigned personnel and TER as input to Trip report</p> <p>Documentation for reports should be based on activities prepared for audit(s) and provided within 15 days to EPM and lead contractor after completion of audit (site and, if appropriate, alternative sites).</p>

Subtask (and Phase) and Standards	Targeted Completion (Days After Receipt of Application)	Deliverables
<p>4. REQUIREMENT: Participate in discussions regarding the environmental scoping process comments for the project and anticipated technical issues in contractor assigned technical areas. If scoping comments are relevant to contractor assigned technical areas, then participate in team discussions and plans for dispositioning comments. (2)</p> <p>If scoping comments are relevant to contractor assigned technical areas, then participate in team discussions and plans for dispositioning comments. (2)</p> <p>STANDARD: Participation of individuals designated by NRC EPM and written confirmation and acknowledgment that comments will be addressed, if relevant technical areas apply. Participation of individuals designated by NRC EPM and acknowledgment that comments will be addressed, if relevant technical areas apply.</p>	<p>440 450</p>	<p>E-mail confirmation to NRC EPM that assigned personnel have reviewed comments and understand disposition plan.</p> <p>E-mail confirmation that assigned personnel have reviewed comments and understand disposition plan.</p>

Subtask (and Phase) and Standards	Targeted Completion (Days After Receipt of Application)	Deliverables
<p>5. REQUIREMENT: Provide the following: (a) submit a TER that identifies issues and areas that should be clarified (i.e., Requests for Additional Information (RAIs)) to the lead contractor and (b) provide TER input in the form of a <u>post-audit</u> working draft (by chapter and an update of the input from Task 5) of environmental analysis in EIS format consistent with the ESRP and RAIs identified in (a) to the lead contractor. (3) Subsequent to NRC issuance of RAIs, if appropriate, support NRC at a public meeting to discuss RAIs with the applicant. (3)</p> <p>STANDARD: TER inputs provided in a timely manner to support RAIs (in advance of technical discussions). Draft Technical Evaluation Report that follows the NRC provided template/guidance without pre-approved deviation. Independent technical evaluations are expected to document rationale for reliance on applicant and alternate sources. Participation of individuals designated by NRC EPM; provide acknowledgment that participation is necessary, if relevant technical areas apply.</p>	<p>220 (a) 455 (b) 470</p>	<p>E-mail confirmation to NRC EPM that material deliverables have provided to the lead contractor and Technical Evaluation Report and RAIs (if applicable)</p> <p>E-mail confirmation that assigned personnel, if needed, can participate in public meeting.</p>

Subtask (and Phase) and Standards	Targeted Completion (Days After Receipt of Application)	Deliverables
<p>6. REQUIREMENT: Subsequent to NRC issuance of RAIs, if appropriate, support NRC at a public meeting to discuss RAIs with the applicant. (3)</p> <p>(a) Complete detailed technical review of ER, (b) provide responses to RAIs, (c) provide working draft of environmental analysis in EIS format consistent with the ESRP to the lead contractor, (d) if appropriate for contractor assigned technical area, participate in team discussions (at the location of the lead contractor) or, if appropriate for contractor assigned technical area, participate by alternate means (audio or video conferencing), on multidisciplinary technical consistency and conformance with regulatory guidance, and (e) incorporate NRC agreed upon technical resolutions. (3)</p> <p>STANDARD: Participation of individuals designated by NRC EPM; provide acknowledgment that participation is necessary, if relevant technical areas apply. Participation of individuals (and means for participation) designated by NRC EPM and TER inputs provided in a timely manner to support preparation of working draft in advance of technical discussions.</p>	<p>505 270</p>	<p>E-mail confirmation to NRC EPM that assigned personnel, if needed, can participate in public meeting.</p> <p>Documentation for inputs to be consistent with NRC provided guidance and, where appropriate, templates; independent technical evaluations are expected to document rationale for reliance on applicant and alternate sources. Team meeting nominally scheduled within 100 days of receipt of inputs.</p>

Subtask (and Phase) and Standards	Targeted Completion (Days After Receipt of Application)	Deliverables
<p>7. REQUIREMENT: (a) Complete detailed technical review of ER and responses to RAIs, (b) provide working draft of environmental analysis in EIS format consistent with the ESRP to the lead contractor, (c) if appropriate for contractor assigned technical area, participate in team discussions (at the location of the lead contractor) or, if appropriate for contractor assigned technical area, participate by alternate means (audio or video conferencing), on multidisciplinary technical consistency and conformance with regulatory guidance, and (d) incorporate NRC-agreed upon technical resolutions. (3)</p> <p>Subsequent to NRC issuance of draft EIS, if appropriate, support NRC at a public meeting to present the team findings and respond to questions during the presentation. (3)</p> <p>STANDARD: Draft Technical Evaluation Report that follows the NRC provided template/guidance without pre-approved deviation. Independent technical evaluations are expected to document rationale for reliance on applicant and alternate sources. Participation of individuals designated by NRC EPM and acknowledgment that participation is necessary, if relevant technical areas apply.</p>	<p>475 (a) 625 (b) 685 (c) 705</p>	<p>Technical Evaluation Report.</p> <p>Team meeting nominally scheduled within 45 days of receipt of inputs.</p> <p>E-mail confirmation that assigned personnel, if needed, can participate in public meeting.</p>

Subtask (and Phase) and Standards	Targeted Completion (Days After Receipt of Application)	Deliverables
<p>8. REQUIREMENT: Subsequent to NRC issuance of draft EIS, if appropriate, support NRC at a public meeting to present the team findings and respond to questions during the presentation. (4)</p> <p>(a) Participate in discussions regarding the disposition of comments received at the public meeting and during the public comment period, (b) complete technical review of the changes resulting from public and stakeholder comments, (c) provide working draft of environmental analysis in EIS format consistent with the ESRP to the lead contractor, and (d) if necessary, participate in team discussions (either at the lead contractor's location or by other means) on technical consistency and conformance with regulatory guidance, and (e) incorporate NRC agreed upon resolutions. (4)</p> <p>STANDARD: Participation of individuals designated by NRC EPM and acknowledgment that participation is necessary, if relevant technical areas apply. Participation of individuals (and means for participation) designated by NRC EPM and TER inputs provided in a timely manner to support preparation of working draft in advance of technical discussions. Provide NRC EPM and acknowledgment that participation is necessary, if relevant technical areas apply.</p>	<p>830 600</p>	<p>E-mail confirmation to NRC EPM that assigned personnel, if needed, can participate in public meeting.</p> <p>Documentation for inputs to be consistent with NRC provided guidance; any supplemental evaluations are expected to document rationale for reliance on applicant and alternate sources. Team meeting nominally scheduled within 100 days of receipt of inputs.</p>